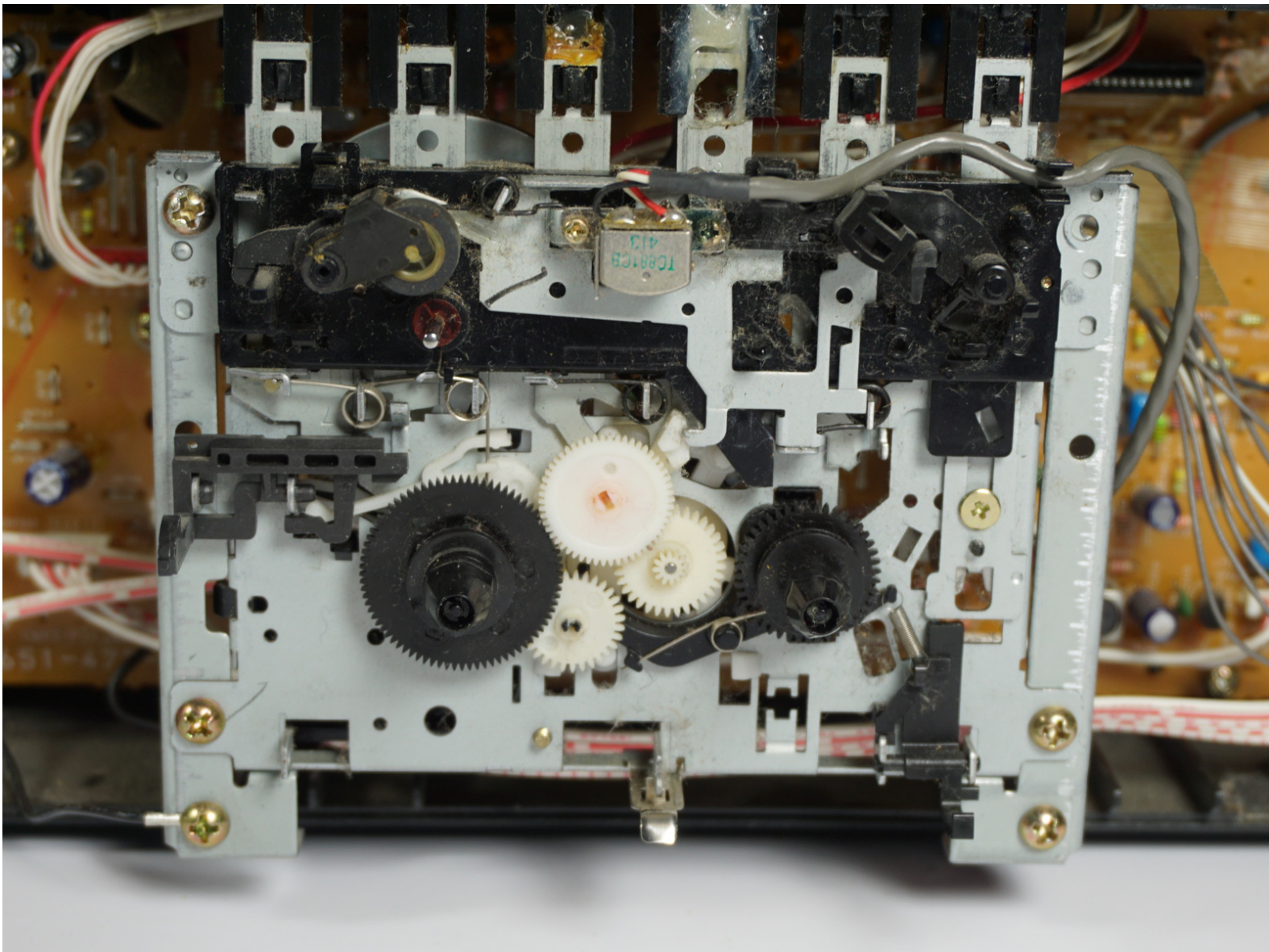




Sony CFD-8 Motor Belt Replacement

Use this guide to replace the motor belt for the cassette player.

Written By: Wil Gilbreath





TOOLS:

- [Flashlight](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
-

Step 1 — Battery



- Remove the cover for the battery compartment on the back of the boombox by applying downward pressure to the two clamps.

⚠ Be sure to unplug the boombox from the wall before attempting to open it for repair.

Step 2



- Using your fingers, push against the positive end of each battery. Once it is loose, lift the battery out.
- ☑ The top row of batteries have the positive side pointing right. The bottom row of batteries have the positive side pointing left.

Step 3 — Front Panel



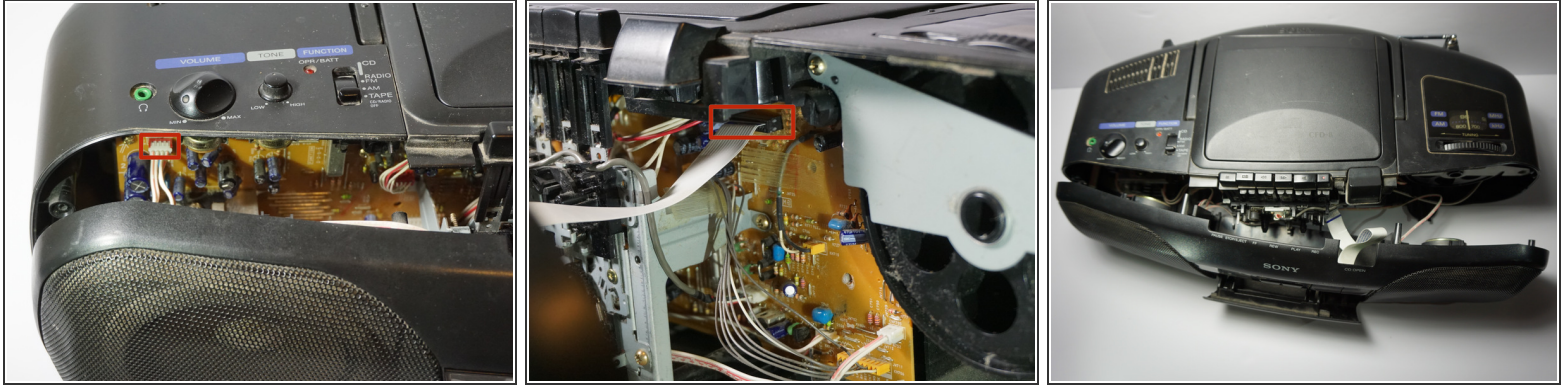
- Hold the boombox handle at an angle to access the screws behind the CD player.
- Unscrew the top two 14mm screws with a 14cm Phillips #1 screwdriver. You may need a flashlight to see the screws.

Step 4



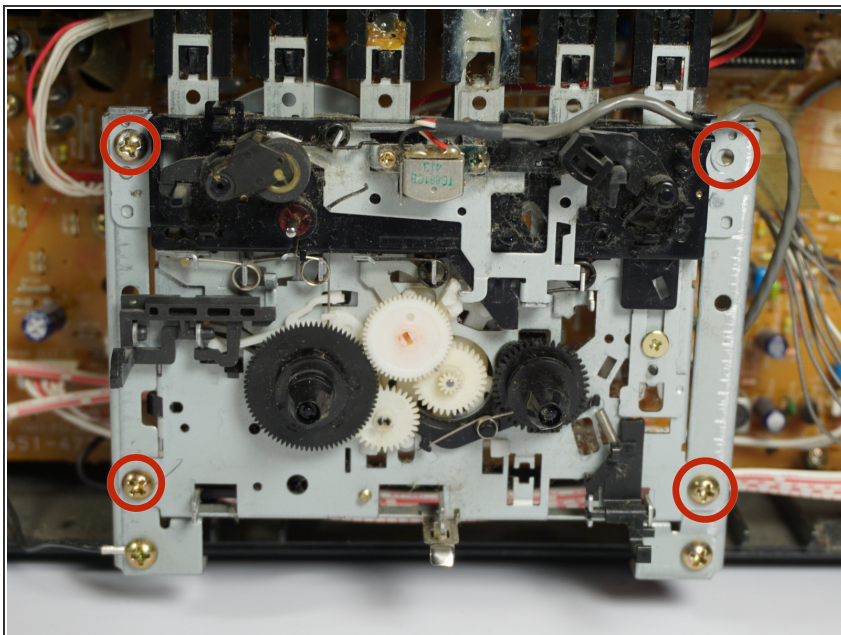
- Remove four 14mm screws using a 14cm Phillips #1 screwdriver. Two of these screws are at the bottom of the boombox and the other two are on either side of the boombox.
- All four screws have black arrows (not visible in the photo) indicating their location on the boombox.

Step 5



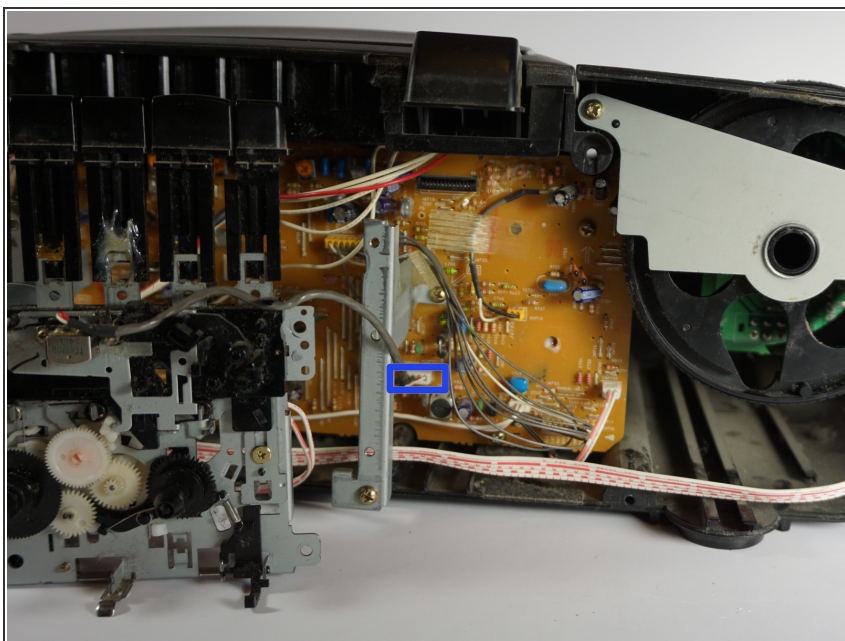
- Gently separate the front panel from the back panel.
- Remove the two connections connecting the front panel to boombox.
 - One is located on the upper lefthand side of the main circuit board.
 - The other is a large white strip slightly to the right of the cassette player.
- ⚠ Do not touch the cylindrical parts on the circuit board. These are capacitors and may deliver a shock!
- Remove the front panel.

Step 6 — Remove Gear Assembly



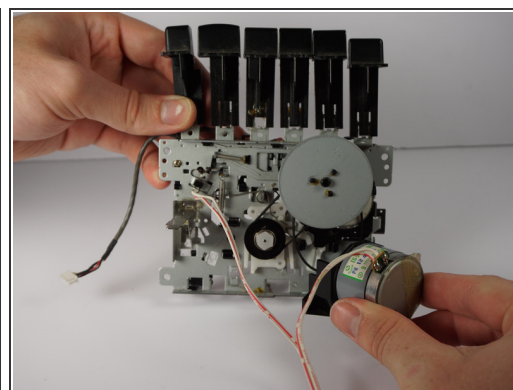
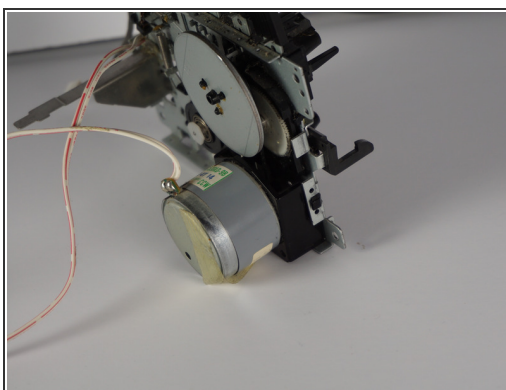
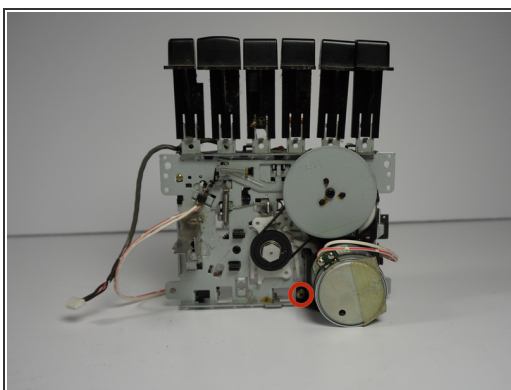
- Unscrew the 3x12 screws circled in the photo using a #1 Phillips screwdriver.

Step 7 — Disconnect Wires



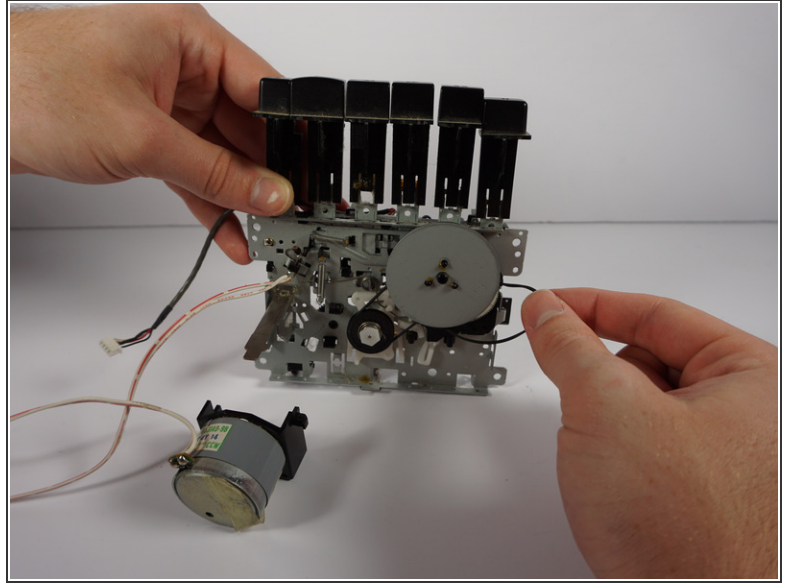
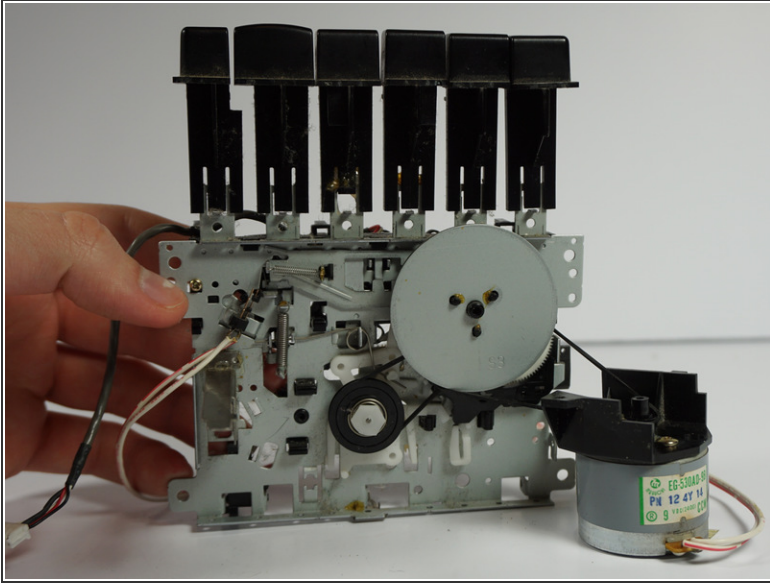
- Carefully disconnect the wire connection by pulling at its base.

Step 8 — Remove Motor



- Unscrew the 5mm screw shown in the photo.
- Note the small latch on the side of assembly as you remove the motor.

Step 9 — Replace Motor Belt



- Remove the motor belt from its axle.

To reassemble your device, follow these instructions in reverse order.

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